

Title (en)

PROCESS FOR THE PRODUCTION OF PROTECTION LAYERS AGAINST WEAR ON SURFACES OF CONSTRUCTION UNITS OF TITANIUM OR TITANIUM-BASE ALLOYS

Publication

**EP 0291702 B1 19910306 (DE)**

Application

**EP 88106163 A 19880419**

Priority

DE 3716937 A 19870520

Abstract (en)

[origin: US4988415A] An anti-wear coating is produced on the surface of a structural part of titanium or titanium alloy by forming a chromium layer on a nickel-titanium diffusion layer on the surface of the part.

IPC 1-7

**C23C 28/02**; **C25D 5/12**

IPC 8 full level

**C25D 5/10** (2006.01); **C23C 16/56** (2006.01); **C23C 28/00** (2006.01); **C23C 28/02** (2006.01); **C25D 5/12** (2006.01); **C25D 5/38** (2006.01); **C25D 7/00** (2006.01)

CPC (source: EP US)

**C23C 16/56** (2013.01 - EP US); **C23C 28/023** (2013.01 - EP US); **C25D 5/38** (2013.01 - EP US); **Y02T 50/60** (2013.01 - US)

Cited by

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Designated contracting state (EPC)

AT CH FR GB IT LI SE

DOCDB simple family (publication)

**US 4988415 A 19910129**; AT E61422 T1 19910315; DE 3716937 C1 19871126; EP 0291702 A1 19881123; EP 0291702 B1 19910306; JP S6479397 A 19890324

DOCDB simple family (application)

**US 46230689 A 19891224**; AT 88106163 T 19880419; DE 3716937 A 19870520; EP 88106163 A 19880419; JP 12300088 A 19880518